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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/069,831	02/26/2002	Hidekazu Sato	9683/104	5382

7590 12/27/2005

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EXAMINER	
SHIN, KYUNG H	

ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 12/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/069,831	SATO, HIDEKAZU	
	Examiner	Art Unit	
	Kyung H. Shin	2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *10 October 2005*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *27-42* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *27-42* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *2/26/02* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *9/2/05*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. This action is responding to application papers filed 10/10/2005.

2. Claims **27 - 42** are pending. Claims **1 - 26** have been canceled. Claims **27 - 42** are new. Independent claims are **27, 33, 34, 42**.

Response to Arguments

3. Applicant's arguments with respect to claims **27 - 42** have been considered but are moot in view of the new ground(s) of rejection.

3.1 Applicant argues that the referenced prior art does not disclose *" ... setting communications software stored in a communications terminal to a received communication parameter to enable receipt by the communication terminal of communications services via a network ... " (see Remarks Page 8, Lines 25-27)*

The Kurashima (6,694,350) prior art discloses the setting of a communications parameter in a client system (i.e. communications terminal), which enables the usage of a communications service provided by a server system. (see Kurashima col. 1, lines 57-65)

3.2 Applicant argues that the referenced prior art does not disclose *" ... a server that extracts a communication parameter stored in association with the notified telephone number ... " (see Remarks Page 9, Lines 3-4)* ; *" ... an extracting unit configured to extract a communication parameter corresponding to the*

telephone number received ... " (see Remarks Page 10, Lines 17-19)

The Kurashima (6,694,350) prior art discloses the capability to extract communications parameter information from a response to a communications parameter request. (see Kurashima col. 1, lines 57-68) The Kurashima (6,694,350) and Matsumoto (6,446,043) prior art combination discloses the usage of a telephone number utilized as a stored communications parameter and its utilization to control an communications parameter extraction process. (see Matsumoto col. 6, lines 19-24)

3.3 Applicant argues that the referenced prior art does not disclose *" ... a transmitting unit configured to transmit the extracted communication parameter for receipt by the communication terminal ... " (see Remarks Page 10, Lines 19-20)* The Kurashima (6,694,350) prior art discloses the capability to transmit a communications parameter from a server to a client. (see Kurashima col. 1, lines 45-48)

Claim Rejection - 35 USC § 103

The text of Title 35, U.S. Code not included in this action can be found in a prior Office action.

4. Claims 27 - 42 **are rejected under 35 U.S.C. 103(a) as being unpatentable over** Kurashima et al. **(US Patent No. 6,694,350) in view of** Matsumoto et al. **(US Patent No. 6,446,043).**

Regarding Claims 27, 33, **Kurashima discloses a method of enabling a communication terminal to receive communication services via a network, the method comprising:**

a) requesting a communication parameter from a server with a communication terminal via a mobile phone connected to the communication terminal, (see Kurashima col. 8, lines 23-29; col. 16, lines 27-30: mobile technology utilized ; col. 1, lines 39-40: client request for communications parameter from server)

d) transmitting the extracted communication parameter from the server to the communication terminal, (see Kurashima col. 1, lines 45-48: transmit communications parameter from server to client)

e) receiving at the communication terminal via the mobile phone the communication parameter transmitted from the server, (see Kurashima col. 8, lines 23-29; col. 16, lines 27-30: mobile phone technology utilized ; col. 1, lines 55-56: receive communications parameter from server) and

f) setting communication software stored in the communication terminal to the received communication parameter to enable receipt by the communication terminal of communication services via a network. (see Kurashima col. 1, lines 57-61: set communications parameter sent from server to enable communications services)

Kurashima discloses notifying the server of an identifier allotted to the mobile phone used by the communication terminal to request the communication parameter, and the server extracting a communication parameter, each of which

is stored in association with a notified identifier, (see Kurashima col. 8, lines 23-29; col. 16, lines 27-30: mobile phone technology ; col. 3, lines 49-54; col. 3, lines 57-58: service identification information; col. 1, lines 57-61: identify (i.e. extracts) communications parameter) Kurashima does not specifically discloses the utilization of a telephone number as a stored communications parameter. However, Matsumoto discloses:

b) wherein a telephone number is allotted to the mobile phone used by the communication terminal. (Matsumoto col. 6, lines 19-24: telephone number utilized as a communications parameters)

c) wherein a plurality of communication parameters, each of which is stored in association with a telephone number, a communication parameter stored in association with the notified telephone number (Matsumoto col. 6, lines 12-18: communications parameter storage ; col. 6, lines 19-24: telephone number utilized as a communications parameters)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as one of a plurality of communications parameters as taught by Matsumoto. One of ordinary skill in the art would be motivated to employ Matsumoto in order to manage and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29: " *... manages the location of each user in real time and stores a method for contact corresponding to each location ... determined whether or not it is possible to contact each user ... system displays the method for contact ...* " ;

col. 2, line 66 - col. 3, line 4: " *... providing a communication parameter search apparatus capable of easily specifying users to communicate with and searching for communication parameters of the users to communicate with ... providing a communication support apparatus using the same ...* ")

Regarding Claim 28, Kurashima discloses the method according to claim 27, wherein

a) the requesting step comprises transmitting from the communication terminal to the server a software identifier indicative of the communication software stored by the communication terminal, (see Kurashima col. 1, lines 39-40: client request for communications parameter from server ; col. 3, lines 49-54; col. 3, lines 57-58: service identification information transferred to client) and

Kurashima discloses the extracting step comprises the server extracting a communication parameter and with the transmitted software identifier. (see Kurashima col. 1, lines 57-61: identify (i.e. extract) communications parameter)

And, Matsumoto discloses:

b) wherein the plurality of communication parameters a communication parameter stored in association with the notified telephone number. (see Matsumoto col. 6, lines 12-18: communications parameter storage ; col. 6, lines 19-24: telephone number utilized as communications parameter)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as one of a plurality of stored communications parameters as taught by Matsumoto. One of

ordinary skill in the art would be motivated to employ Matsumoto in order to manage and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29 ; col. 2, line 66 - col. 3, line 4)

Regarding Claims 29, 36, Kurashima discloses the method, server according to claims 27, 34, wherein

a) each of a plurality of networks serve a group of mobile phones, (see Kurashima col. 1, lines 33-38: server ; col. 8, lines 23-29: network grouping (i.e. LAN) for network nodes) and

b) the extracting step comprises, the server extracting an access point of a network that serves the mobile phone as the communication parameter, wherein the access point is identified by the notified telephone number. (see Kurashima col. 1, lines 33-38: server ; col. 1, lines 57-61: identify (i.e. extract) communications parameter)

Regarding Claims 30, 37, Kurashima discloses the method, server according to claims 28, 35, wherein

b) the extracting step comprises the server specifying a template from among the plurality of templates that corresponds to the software identifier transmitted from the communication terminal. (see Kurashima col. 1, lines 33-38: server ; col. 1, lines 57-61: identify (i.e. extract) communications parameter)

And, Matsumoto discloses:

a) the server is operable to store a plurality of templates each of which corresponds to a software identifier and comprise a communication parameter name and a communication parameter value, and wherein the server comprises a user data storing unit operable to store a communication parameter value of a user of the mobile phone in association with a telephone number of the mobile phone, (see Matsumoto col. 4, lines 35-37: server ; col. 6, lines 12-18: plurality of stored communications parameters (i.e. templates, data structures utilized); col. 6, lines 19-24: telephone number utilized as communications parameters)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as one of a plurality of stored communications parameters as taught by Matsumoto. One of ordinary skill in the art would be motivated to employ Matsumoto in order to manage and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29 ; col. 2, line 66 - col. 3, line 4)

Regarding Claim 31, Kurashima discloses the method according to claim 30, wherein the extracting step further comprises, extracting a communication parameter value that is not contained in the specified template from the user data storing unit on the basis of the telephone number of the mobile phone, and editing the specified template by adding the extracted communication parameter value to the specified template. (see Kurashima col. 1, lines 57-61: identify (i.e. extract) communications parameter) Kurashima does not specifically disclose a telephone number utilized as a communications parameter.

However, Matsumoto discloses wherein the telephone number of the mobile phone. (see Matsumoto col. 6, lines 12-18: communications parameter storage ; col. 6, lines 19-24: telephone number utilized as a communications parameter)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as one of a plurality of stored communications parameters as taught by Matsumoto. One of ordinary skill in the art would be motivated to employ Matsumoto in order to manage and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29 ; col. 2, line 66 - col. 3, line 4)

Regarding Claims 32, 41, Kurashima discloses the method, server according to claims 31, 40, wherein the transmitting step comprises transmitting the edited template from the server to the communication terminal via the mobile phone. (see Kurashima col. 3, lines 49-54; col. 3, lines 57-58: service information transferred from server to client (i.e. communications terminal))

Regarding Claim 34, Kurashima discloses a server for enabling a communication terminal to receive communication services via a network, the server comprising:

d) a transmitting unit configured to transmit the extracted communication parameter for receipt by the communication terminal. (see Kurashima col. 1, lines 33-38: server ; col. 1, lines 45-48: transmit communications parameter from server to client)

Kurashima discloses wherein a receiving unit configured to receive from a client (i.e. communication terminal) a request for a communication parameter. (see Kurashima col. 1, lines 39-40: client request for communications parameter), and an extracting unit configured to extract from the storing unit a communication parameter corresponding to an identifier received by the receiving unit. (see Kurashima col. 1, lines 57-61: identify (i.e. extract) communications parameter) Kurashima does not specifically disclose a telephone number utilized as a stored communications parameter. However, Matsumoto discloses wherein:

a) a storing unit configured to store a plurality of combinations of a communication parameter and a telephone number of a mobile phone, (see Matsumoto col. 6, lines 12-18: plurality of stored communications parameters ; col. 6, lines 19-24: telephone number utilized as a communications parameter)

b) a telephone number allotted to a mobile phone to be used by the communication terminal to transmit the request, (see Matsumoto col. 6, lines 19-24: telephone number utilized as a communications parameter)

c) a telephone number received by the receiving unit, (see Matsumoto col. 6, lines 19-24: telephone number utilized as a communications parameter)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as one of a plurality of stored communications parameters as taught by Matsumoto. One of ordinary skill in the art would be motivated to employ Matsumoto in order to manage

and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29 ; col. 2, line 66 - col. 3, line 4)

Regarding Claim 35, Kurashima discloses the server according to claim 34, wherein

a) the storing unit is further configured to store a plurality of software identifiers for identifying communication software capable of being stored by the communication terminal, (see Kurashima col. 2, lines 31-33: service identifiers ; col. 3, lines 49-54; col. 3, lines 57-58: service identification information transferred to client (i.e. communications terminal))

Kurashima discloses wherein the receiving unit is further configured to receive a software identifier of a communication software stored by the communication terminal, and wherein the extracting unit is further configured to extract a communication parameter corresponding to an identifier and the software identifier that are receivable by the receiving unit. (see Kurashima col. 1, lines 57-61: identify (i.e. extract) communications parameter ; col. 3, lines 49-54; col. 3, lines 57-58: service identification information transmitted from server to client) And, Matsumoto discloses:

b) wherein the receiving unit is further configured to receive the telephone number, (see Matsumoto col. 6, lines 19-24: telephone number utilized as a communications parameter) and

c) wherein a plurality of communication parameters storable in the storing unit, a communication parameter corresponding to the telephone number. (see

Matsumoto col. 6, lines 12-18: plurality of stored communications parameters ; col. 6, lines 19-24: telephone number utilized as a communications parameter)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as one of a plurality of stored communications parameters as taught by Matsumoto. One of ordinary skill in the art would be motivated to employ Matsumoto in order to manage and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29 ; col. 2, line 66 - col. 3, line 4)

Regarding Claim 38, Kurashima discloses the server according to claim 37, wherein the storing unit is further configured to store a communication parameter value of a user of the mobile phone in association with the telephone number of the mobile phone. (see Kurashima col. 6, lines 12-18: communications parameters storage ; col. 6, lines 19-24: telephone number utilized as a communications parameter)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as one of a plurality of stored communications parameters as taught by Matsumoto. One of ordinary skill in the art would be motivated to employ Matsumoto in order to manage and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29 ; col. 2, line 66 - col. 3, line 4)

Regarding Claim 39, Kurashima discloses the server according to claim 38, wherein

the extracting unit is further configured to specify a template from among the plurality of templates that corresponds to the software identifier transmitted from the communication terminal. (see Kurashima col. 6, lines 12-18: plurality of stored communications parameters ; col. 3, lines 49-54; col. 3, lines 57-58: service identification information (i.e. software, program))

Regarding Claim 40, Matsumoto discloses the server according to claim 39, wherein the extracting unit is further configured to search, on the basis of the telephone number of the mobile phone, for a communication parameter value that is not contained in the specified template, and edit the specified template by addition of the searched communication parameter value to the specified template. (see Matsumoto col. 6, lines 19-24: telephone number utilized as a communications parameter ; col. 5, lines 48-52: update communications parameter information ; col. 2, lines 29-34; col. 2, lines 51-53: search utilizing communications parameter)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as a search field for a set of stored communications parameters as taught by Matsumoto. One of ordinary skill in the art would be motivated to employ Matsumoto in order to manage and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29 ; col. 2, line 66 - col. 3, line 4)

Regarding Claim 42, Kurashima discloses a server for enabling a communication terminal to receive communication services via a network, the server comprising:

c) an extracting unit operable to extract, from a plurality of communication parameters stored in the storing unit, a communication parameter corresponding to the identifier received by the receiving unit, (see Kurashima col. 1, lines 33-38: server ; col. 2, lines 23-26: extract (i.e. identify) communications parameter ; col. 2, lines 26-30: storage, plurality of stored communications parameters) and

d) a transmitting unit operable to transmit the extracted communication parameter to the communication terminal, wherein the communication parameter is useable by the communication terminal to enable receipt of communication services by the communication terminal via a network. (see Kurashima col. 1, lines 45-48: transmit communications parameter to client (i.e. communications terminal) for utilization of communications services)

Kurashima discloses wherein a receiving unit operable to receive from the communication terminal a request for a communication parameter and useable by the communication terminal to transmit the request for the communication parameter. (see Kurashima col. 1, lines 39-40: receive a client request for communications parameter ; col. 1, lines 52-54: transmit client request to server) Kurashima does not specifically disclose an identifier for a communications device. However, Matsumoto discloses:

a) wherein a storing unit operable to store a plurality of combinations of a communication parameter and an identifier of a communication device, (see

Matsumoto col. 6 , lines 12-18; col. 6, lines 19-24: plurality of stored communications parameters, an identifier (i.e. a telephone number) for communications device)

b) wherein an identifier allotted to a communication device, (see Kurashima col. 6, lines 19-24: an identifier (i.e. telephone number) for communications device)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kurashima to utilize a telephone number as an identifier and one of a plurality of stored communications parameters as taught by Matsumoto. One of ordinary skill in the art would be motivated to employ Matsumoto in order to manage and efficiently optimize the search for communications parameters within a network environment. (see Matsumoto col. 1, lines 24-29 ; col. 2, line 66 - col. 3, line 4)

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyung H. Shin whose telephone number is (571) 272-3920. The examiner can normally be reached on 9 am - 7 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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December 19, 2005

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